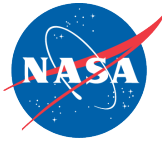


UCD Activities and Progress

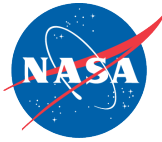
2014–08–26

Mark Rose and Rich Keller
PDS User Centered Design



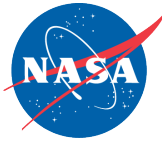
UCD FY14 Focus Areas

- New Development
 - LACE – PDS4 label editor
- Maintenance
 - PDS3 Volume Validator
 - Table Explorer
 - PDS4 Tools Library



LACE Status

- Completed Planned 1.0 Features
 - Support for label templates
 - Dropdowns for internal references
 - Login/authentication
 - Label XML preview
 - Cut-and-paste



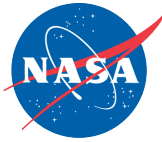
LACE Authentication

- LACE must authenticate your identity upon login via username/password credentials
- Option 1: Use NASA credentials
 - Register through NASA Launchpad as external user
- Option 2: Use GMail or Linked-In credentials
 - Use existing personal GMail or Linked-In account credentials, or create new account for this purpose
 - LACE accesses only name and email address; no other account information
 - No Google or Linked-In interaction past login
- NASA Civil Servant approves access



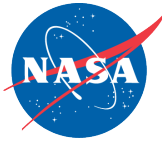
LACE Status

- LACE Usage
 - Mission use: LADEE and OSIRIS-REx
 - Some Node testing and demos
- Announcing 1.0 Release



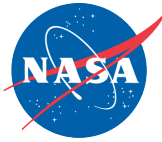
Other Tools

- PDS3 Volume Validator
 - Bug fixes
 - Still resolving Java 7 issues
- Table Explorer
 - Binary table support
 - Immediate display of table values (full data is downloaded in background)



Remaining FY14 Work

- PDS3 Volume Validator
 - Java 7 remaining issues
 - Minor features and bug fixes
- LACE
 - Documentation
 - Mandated migration to new Launchpad implementation



FY15 – Validation or Visualization?

- Resource limitations require focus on 1 tool
- Option 1: PDS4 Bundle Validator
 - Coordinate w/ EN to share code
 - Scriptable, installable
- Option 2: NASAView replacement
 - PDS4, possibly PDS3 as well

Questions?

